

Patent Family & Abstract: DD 148878

Diazotisation of aromatic amine(s) - in presence of ethoxylated alkyl-phenol surfactant

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Patent Family							
Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
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Priority Applications (Number Kind Date): DD 217378 A (19791205)

Patent Details					
Patent	Kind	Language	Page	Main IPC	Filing Notes
DD 148878	A		6		

Abstract:

DD 148878 A

Diazotisation of difficult-to-diazotise aromatic amines of the benzene or naphthalene series is carried out by reaction with NaNO₂ in an aq. mineral acid in the presence of an ethoxylated alkylphenol surfactant (I).

The process is pref. effected by adding (I) to an aq. suspension of the amine, stirring for a short time, and then adding the NaNO₂ and mineral acid. (I) is pref. added in an amt. of 1-25% by wt. of the amine. Specified amines are opt. alkyl-substd. aminobenzenesulphonanilides, phenyl aminobenzenesulphonates and cyclohexylidenebis(anilines).

The process is stated to avoid the drawbacks of prior art processes using other nonionic surfactants, which are stated to impair the stability of the diazonium cpds. or promote by-product formation.

Derwent World Patents Index

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PATENT FAMILY:

German Democratic Republic (DD)

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VERFAHREN ZUR HERSTELLUNG VON DIAZONIUMVERBINDUNGEN SCHWER
DIAZOTIERBARER AROMATISCHER AMINE (German)

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